

CYCLONE SEPARATOR

ABSTRACT OF THE DISCLOSURE

The present invention provides a cyclone separator ~~comprising~~made up of a cyclone portion for generating an eddy flow at a given flow rate by feeding a liquid containing a fine substance from liquid discharge passageways, for transferring the fine substance to an outer circumferential side by applying a centrifugal force to ~~issue~~discharge the fine substance-free liquid from a liquid flow-out passageway, and for precipitating the fine substance by decelerating the eddy flow. The liquid discharge passageways are disposed at plural sites, and the cyclone separator further ~~comprises~~contains a liquid pressurizing chamber formed around the plural liquid discharge passageways in communication therewith, and a liquid introduction passageway for introducing the liquid containing the fine substance into the liquid pressurizing chamber.